

Substitute for form 1449A/PTO

**INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	09/714,767
Filing Date	November 16, 2000
First Named Inventor	Bidney
Group Art Unit	1638
Examiner Name	(not yet assigned)
Attorney Docket Number	35718/201902 (5718-103)

RECEIVED

MAY 02 2001

TECH CENTER 1600/2900

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
RK	1	5,844,121		The Texas A&M University System	12-01-1998	Whole Document

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Office ³ Number ⁴	Kind Code ⁵ (if known) ⁵	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
RK	2	BARRETT <i>et al.</i> (1997) "The Structure of the GTPase-Activating Domain from p50rhoGAP" <i>Nature</i> 385:458-461.	
	3	BOGUSKI <i>et al.</i> (1994) "Proteins Regulating Ras and Its Relatives" <i>Nature</i> 366:643-654.	
	4	BORG <i>et al.</i> (1999) "Plant Cell Growth and Differentiation May Involve GAP Regulation of Rac Activity" <i>FEBS Letters</i> 453:341-345.	
	5	BOURNE <i>et al.</i> (1990) "The GTPase Superfamily: A Conserved Switch for Diverse Cell Functions" <i>Nature</i> 348:125-132.	
	6	DE BRUXELLES <i>et al.</i> (1996) "Absciscic Acid Induces the Alcohol Dehydrogenase Gene in Arabidopsis" <i>Plant Physiol.</i> 111:381-391.	
	7	DOLFERUS <i>et al.</i> (1994) "Differential Interactions of Promoter Elements in Stress Responses of the <i>Arabidopsis Adh</i> Gene" <i>Plant Physiol.</i> 105:1075-1087.	
	8	DRÖGE-LASER <i>et al.</i> (1997) "Rapid Stimulation of a Soybean Protein-Serine Kinase That Phosphorylates a Novel bZIP DNA-Binding Protein, GHBF-1, during the Induction of Early Transcription-Dependent Defenses" <i>EMBO J.</i> 16(4):726-738.	
	9	EULGEM <i>et al.</i> (1999) "Early Nuclear Events in Plant Defence Signalling: Rapid Gene Activation by WRKY Transcription Factors" <i>EMBO J.</i> 18(17):4689-4699.	
RK	10	HAKE <i>et al.</i> (1985) "Coordinate Induction of Alcohol Dehydrogenase 1, Aldolase, and Other Anaerobic RNAs in Maize" <i>J. Biol. Chem.</i> 260(8):5050-5054.	
Examiner Signature	Randy Kallis		Date Considered 1/04/03

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number.

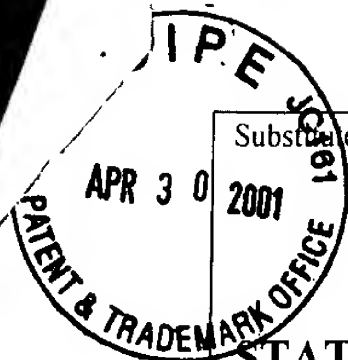
² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.



RECEIVED

Substitute for form 1449A/PTO

Complete if Known

INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 4

Application Number	09/714,767
Filing Date	November 16, 2000
First Named Inventor	Bidney
Group Art Unit	1638
Examiner Name	(not yet assigned)
Attorney Docket Number	35718/201902 (5718-103)

MAY 02 2001

TECH CENTER 1600/2900

RK	11	KAUSCH <i>et al.</i> (1997) "Molecular Cloning of a Ripening-Specific Lipxygenase and Its Expression during Wild-Type and Mutant Tomato Fruit Development" <i>Plant Physiol.</i> 113:1041-1050.
	12	LAMARCHE <i>et al.</i> (1994) "GAPS for rho-related GTPases" <i>Trends in Genetics</i> 10(12):436-440.
	13	LANCASTER <i>et al.</i> (1994) "Characterization of rhoGAP" <i>J. Biol. Chem.</i> 269(2):1137-1142.
	14	MATSUI <i>et al.</i> (1999) "Cucumber Cotyledon Lipxygenase during Postgerminative Growth. Its Expression and Action on Lipid Bodies" <i>Plant Physiol.</i> 119:1279-1287.
	15	MAUCH <i>et al.</i> (1997) "Mechanosensitive Expression of a Lipxygenase Gene in Wheat" <i>Plant Physiol.</i> 114:1561-1566.
	16	MELAN <i>et al.</i> (1993) "An <i>Arabidopsis thaliana</i> Lipxygenase Gene Can Be Induced by Pathogens, Absciscic Acid, and Methyl Jasmonate" <i>Plant Physiol.</i> 101:441-450.
	17	OUWERKERK <i>et al.</i> (1999) "A G-Box Element from the <i>Catharanthus roseus</i> Strictosidine Synthase (<i>Str</i>) Gene Promoter Confers Seed-Specific Expression in Transgenic Tobacco Plants" <i>Mol. Gen. Genet.</i> 261:635-643.
	18	RANCE <i>et al.</i> (1998) "The Incompatible Interaction between <i>Phytophthora parasitica</i> var. <i>nicotianae</i> Race 0 and Tobacco Is Suppressed in Transgenic Plants Expressing Antisense Lipxygenase Sequences" <i>Proc. Natl. Acad. Sci. USA</i> 95:6554-6559.
	19	RIDLEY <i>et al.</i> (1992) "The Small GTP-Binding Protein Rac Regulates Growth Factor-Induced Membrane Ruffling" <i>Cell</i> 70:401-410.
	20	ROBERTSON <i>et al.</i> (1995) "Rapid Changes in Oxidative Metabolism as a Consequence of Elicitor Treatment of Suspension-Cultured Cells of French Bean (<i>Phaseolus vulgaris</i> L.)" <i>Plant Mol. Biol.</i> 27:59-67.
	21	ROYO <i>et al.</i> (1996) "Characterization of Three Potato Lipxygenases with Distinct Enzymatic Activities and Different Organ-Specific and Wound-Regulated Expression Patterns" <i>J. Biol. Chem.</i> 271(35):21012-21019.
	22	ROYO <i>et al.</i> (1999) "Antisense-Mediated Depletion of a Potato Lipxygenase Reduces Wound Induction of Proteinase Inhibitors and Increases Weight Gain of Insect Pests" <i>Proc. Natl. Acad. Sci. USA</i> 96:1146-1151.
	23	TORRES <i>et al.</i> (1976) "Dissociation-Recombination of Intergenic Sunflower Alcohol Dehydrogenase Isozymes and Relative Isozyme Activities" <i>Biochem. Genet.</i> 14(1/2):87-98.
	24	VÖRÖS <i>et al.</i> (1998) "Characterization of a Methyljasmonate-Inducible Lipxygenase from Barley (<i>Hordeum vulgare</i> cv. Salome) Leaves" <i>Eur. J. Biochem.</i> 251:36-44.
	25	NCBI Accession No. AB017525.
	26	NCBI Accession No. AB017528.
	27	NCBI Accession No. AB024712.
	28	NCBI Accession No. AB027456.
RK	29	NCBI Accession No. AB027504.

Examiner
Signature

Russell K. Allen

Date
Considered

1/06/03

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form 1449A/PTO

**INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Complete if Known

Application Number	09/714,767
Filing Date	November 16, 2000
First Named Inventor	Bidney
Group Art Unit	1638
Examiner Name	(not yet assigned)
Attorney Docket Number	35718/201902 (5718-103)

Sheet 3 of 4

RECEIVED
MAY 02 2001
TECH CENTER 1600/2900

RK	30	NCBI Accession No. AB027506.	
	31	NCBI Accession No. AF064787.	
	32	NCBI Accession No. AF145261.	
	33	NCBI Accession No. AF159882.	
	34	NCBI Accession No. CAA42686.	
	35	NCBI Accession No. CAB50064.	
	36	NCBI Accession No. D16111.	
	37	NCBI Accession No. D87130.	
	38	NCBI Accession No. NDPS7A.	
	39	NCBI Accession No. O16264.	
	40	NCBI Accession No. O84741.	
	41	NCBI Accession No. P00331.	
	42	NCBI Accession No. P12994.	
	43	NCBI Accession No. P16740.	
	44	NCBI Accession No. P28032.	
	45	NCBI Accession No. P38418.	
	46	NCBI Accession No. P38419.	
	47	NCBI Accession No. P48977.	
	48	NCBI Accession No. P54186.	
	49	NCBI Accession No. P77368.	
RK	50	NCBI Accession No. P93698.	
	51	NCBI Accession No. Q40249.	

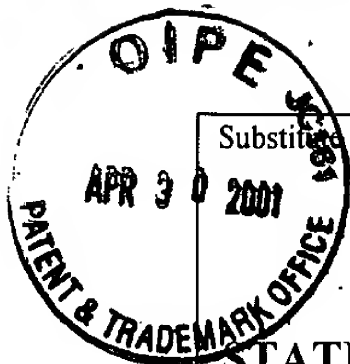
Examiner
Signature

Rumell / K allin

Date
Considered

1/06/02

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form 1449A/PTO

**INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

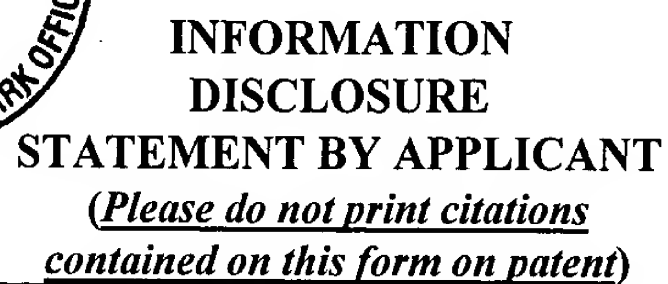
Sheet 4 of 4

Complete if Known

Application Number	09/714,767
Filing Date	November 16, 2000
First Named Inventor	Bidney
Group Art Unit	1638
Examiner Name	(not yet assigned)
Attorney Docket Number	35718/201902 (5718-103)

RK	52	NCBI Accession No. Q41261.	
	53	NCBI Accession No. Q96573.	
↓	54	NCBI Accession No. U84140.	
	55	NCBI Accession No. X54818.	
	56	NCBI Accession No. X62362.	
↓	57	NCBI Accession No. Z19625.	
RK	58	NCBI Accession No. Z23024.	
Examiner Signature	Russell Hallin		Date Considered 1/03/06

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. RTA01/2093542v1

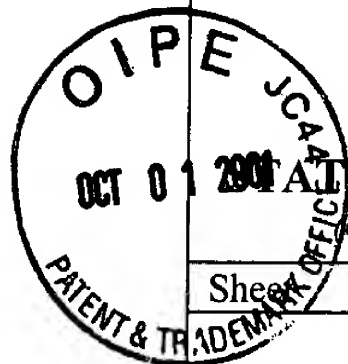


Complete if Known	
Application Number	09/714,767
Filing Date	November 16, 2000
First Named Inventor	Bidney
Group Art Unit	1638
Examiner Name	(not yet assigned)
Attorney Docket Number	35718/201902 (5718-103)

[illegible]

Examiner Signature	Russell Kallis	Date Considered	1/06/03
-----------------------	----------------	--------------------	---------

¹ Unique citation designation number.



Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/714,767
		Filing Date	November 16, 2000
		First Named Inventor	Bidney
		Group Art Unit	1638
		Examiner Name	(not yet assigned)
Sheet 1 of 1	Attorney Docket Number	35718/201902 (5718-103)	

TECH CENTER 1600/2900

OCT 04 2001

RECEIVED

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Office ³	Number ⁴	Kind Code (if known) ⁵	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
RK	60	WO	99/04013	A2	Pioneer Hi-Bred International, Inc.	01-28-1999	Whole Document	
RK	61	EP	1 033 405	A2	Ceres Incorporated	09-06-2000	Whole Document	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
RK	62	EMBL Database Report for Accession No. AW031283, September 17, 1999 (XP-002174684).	
RK	63	EMBL Database Report for Accession No. O81806, November 1, 1998 (XP-002174683).	
RK	64	GENTZBITTEL, L. <i>et al.</i> , "Cloning of Molecular Markers for Disease Resistance in Sunflower, <i>Helianthus Annuus</i> L.," <i>Theoretical and Applied Science</i> , March 1998, pp. 519-525, Vol. 96(3), Springer, Germany.	
RK	65	TAKAI, Y., <i>et al.</i> , "Rho as a Regulator of the Cytoskeleton" <i>Trends in Biochemical Sciences</i> , June 1995, pp. 227-231, Vol. 20(6), Elsevier Science Ltd., United Kingdom.	
RK	66	WINGE, P., <i>et al.</i> , "Cloning and Characterization of Rac-like cDNAs from <i>Arabidopsis thaliana</i> " <i>Plant Molecular Biology</i> , 1997, pp. 483-495, Vol. 35, Kluwer Academic Publishers, Belgium.	
RK	67	Invitation to Pay Additional Fees with Partial Search Report mailed August 27, 2001 for International Application No. PCT/US00/31187 filed November 13, 2000.	

Examiner Signature	<i>Russell K. Allen</i>	Date Considered	1/06/03
--------------------	-------------------------	-----------------	---------

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RTA01/2103489v1

¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.